

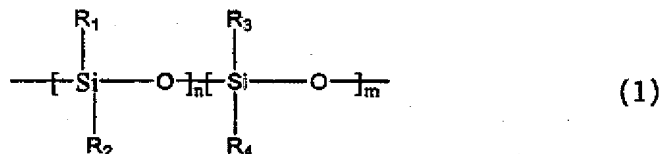
IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

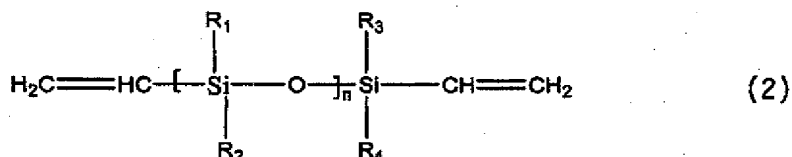
Listing of Claims:

1.(Withdrawn) A method of manufacturing a replica, which method comprises the provision of a curable resin composition between a mold and a substrate or a blank, carrying out a UV-light initiated or thermal curing treatment and removing the replica thus manufactured from the mold, which replica comprises the substrate and the reproduction of the mold provide thereon, characterized in that, the resin composition used being a silicon based reactive material.

2.(Withdrawn) A method as claimed in claim 1, characterized in that the resin composition comprises

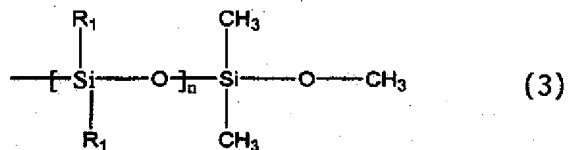


and



wherein  $\text{R}_1$ ,  $\text{R}_2$ ,  $\text{R}_3$  and  $\text{R}_4$  = hydrogen,  $\text{C}_1$ - $\text{C}_{10}$ -alkyl, vinyl, phenyl, hydroxide, amino, halogen atom, and at least one of  $\text{R}_1$ ,  $\text{R}_2$ ,  $\text{R}_3$  and  $\text{R}_4$  is hydrogen.

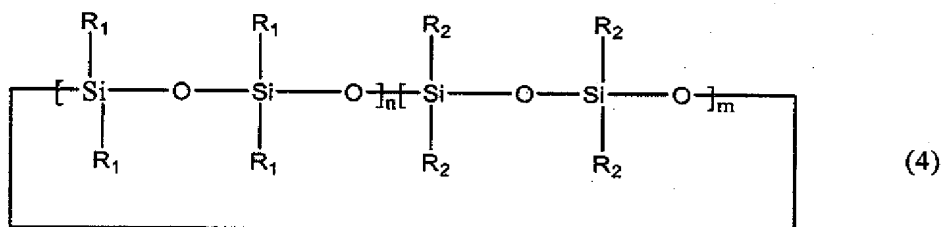
3. (Withdrawn) A method as claimed in claim 2, characterized in that the resin composition further comprises



wherein  $\text{R}_1$ ,  $\text{R}_2$ ,  $\text{R}_3$  and  $\text{R}_4$  have the same meaning as

disclosed in claim 2.

4. (Withdrawn) A method according to claim 3, characterized in that the resin composition further comprises



wherein  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  have the same meaning as disclosed in claim 2.

5. (Withdrawn) A method according to claim 2, characterized in that component (1) is present in an amount of 40-70 wt.%, based on the total weight of the curable resin composition.

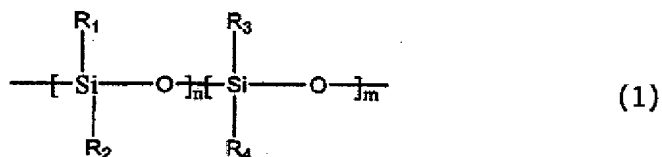
6. (Withdrawn) A method according to claim 2, characterized in that component (2) is present in an amount of 15-40 wt.%, based on the total weight of the curable resin composition.

7. (Withdrawn) A method according to claim 2, characterized in that component (3) is present in an amount of 10-30 wt.%, based on the total weight of the curable resin composition.

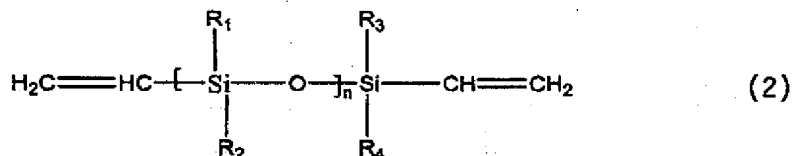
8. (Withdrawn) A method according to claim 2, characterized in that component (4) is present in an amount of 1.0-5.0 wt.%, based on the total weight of the curable resin composition.

9. (Original) A replica obtained by carrying out a UV light-initiated or thermal curing treatment of a mixture comprising a silicon based reactive material.

10. (Currently Amended) ~~A The replica as claimed in claim 9, characterized in that wherein the silicon based reactive material~~ comprises

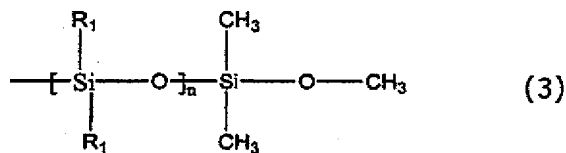


and



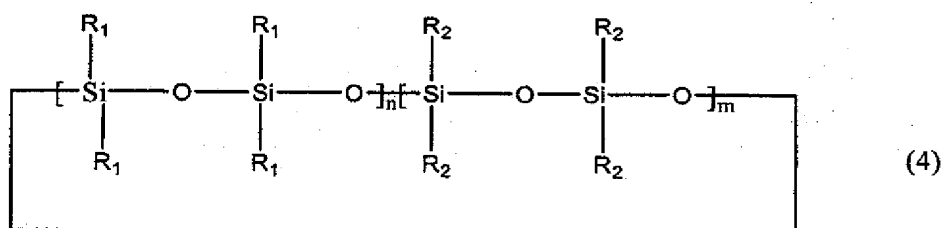
wherein  $\text{R}_1$ ,  $\text{R}_2$ ,  $\text{R}_3$  and  $\text{R}_4$  = hydrogen,  $\text{C}_2$ - $\text{C}_{10}$ -alkyl, vinyl, phenyl, hydroxide, amino, halogen atom, and at least one of  $\text{R}_1$ ,  $\text{R}_2$ ,  $\text{R}_3$  and  $\text{R}_4$  is hydrogen.

11. (Currently Amended) ~~A~~ The replica as claimed in claim 10, ~~characterized in that wherein the~~ silicon based reactive material further comprises



~~wherein  $\text{R}_1$ ,  $\text{R}_2$ ,  $\text{R}_3$  and  $\text{R}_4$  have the same meaning as disclosed in claim 10.~~

12. (Currently Amended) ~~A~~ The replica as claimed in claim 10, ~~characterized in that wherein the~~ silicon based reactive material further comprises



wherein ~~R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> and R<sub>4</sub>~~ have the same meaning as disclosed in claim 10.

13. (Currently Amended) ~~A~~ The replica as claimed in claim 9, characterized in that ~~its~~ wherein a transparency of the replica is at least 20%, when replicated on a glass material being transparent for the applied wavelength, measured at a thickness of 100 μm, an intensity of 100 μW/cm<sup>2</sup> and a wavelength of 190-400 nm, during a period of at least 50 hours.

14. (Currently Amended) ~~A~~ The replica as claimed in claim 9, characterized in that ~~its~~ wherein a transparency of the replica is at least 90 %, when replicated on a glass material being transparent for the applied wavelength, measured at a thickness of 100 μm, an intensity of 0.5 mW/cm<sup>2</sup> and a wavelength of 190-400 nm,

during a period of at least 5000 hours.

15. (Currently Amended) A The replica as claimed in claim 9,  
~~characterized in that it~~ wherein the replica is not birefringent.

16. (Currently Amended) A The replica as claimed in claim 9,  
~~characterized in that~~ wherein the replica obtained is an optical  
component.

17. (Currently Amended) A The replica as claimed in claim 16,  
~~characterized in that~~ wherein the optical component obtained is an  
(a) spherical lens, a lens array, a prism, a grating or another  
relief structure for optical applications, or a combination  
thereof.